



Barbara Antonsen Memorial Park



WWTP Upgrades



Transportation Master Plan



Brewer Road Master Plan



Coffee Pot Drainage



Dog Park Upgrades



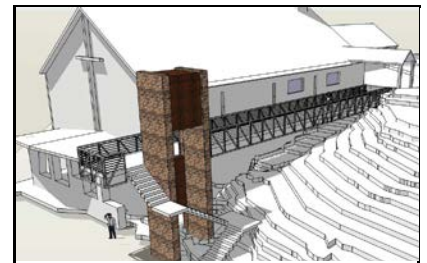
City of Sedona Public Works Department Capital Improvements Plan (CIP)



Brewer/Tlaquepaque Drainage



Jordan Road Sidewalk Extension



Uptown Pedestrian Access

August 2016 - FY 17 Project Updates

WEB

LINK:

www.sedonaaz.gov/CIP



FY17 CIP Update

August 2016 - Updates

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City of Sedona
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Brewer Road Property

FY17 CIP Update



The following summarizes the draft proposal for the Ranger Station Park Master Plan:

Major elements consist of the Barn and House: multi-purpose community rental spaces; the Plaza: multi-purpose open area between the house and barn and the Open Lawn: large open area south of the barn

Possible activities include community events, weddings, family reunions; concerts, dances, plays, movies; historic talks and tours; classes and workshops; meetings and small conferences; farmers market and temporary art galleries

Recreation Amenities include walking path, picnic tables, swings, play features and pickleball courts

Possible Recreation Activities include horseshoes, croquet, hopscotch, yoga and frisbee

Park Features include historic interpretive information, art murals and sculptures, benches and food truck vendor space

Design Features include green building: energy and water efficient; native landscaping: plants representative of the natural, local landscape and orchard trees for shade and in recognition of the historic orchards in Sedona

Status: The master plan is currently under design. For further project information visit the project webpage: www.sedonaaz.gov/rangerstation

For a copy of this update, or updates for other projects, smart-phone users can scan the QR code located on this announcement, or visit the projects website at: www.sedonaaz.gov/CIP

KEY FEATURES:

Consultant: Norris Design

Contractor: TBD

Timing: Master Plan Design-Winter 2016
Phase 1 Construction-June 2017

Construction Challenges:

- Phasing of construction due to Master Plan
- Maintaining historic elements
- Finding a qualified contractor

Project Manager:

Cynthia Lovely
(928) 203-5035
CLovely@SedonaAZ.gov

City Engineer:

J. Andy Dickey, PE
(928) 203-5039
ADickey@SedonaAZ.gov

\$ FY17 Project Budget: \$300,000

Total Project Budget: \$605,000



Project Status

August 2016

Project Phase	% Completion	Completion Date
Design	100%	November 2016
Construction	0%	June 2017



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Posse Grounds Pavilion in Barbara Antonsen Park Project

FY17 CIP Update



KEY FEATURES:

Consultant: WRL, Inc.

Contractor: Loven Contracting, Inc.

Construction Challenges:

- Multiple End Users
- ADA access
- Budget constraints

Project Manager:

James Crowley, RLS, EIT
(928) 203-5092

JCrowley@SedonaAZ.gov

Project Manager/City Engineer:

J. Andy Dickey, PE
(928) 203-5039

ADickey@SedonaAZ.gov

\$ FY17 Project Budget: \$1,214,749

Total Project Budget: \$1,704,727

The project is an outdoor performance venue located at Barbara Antonsen Memorial Park. The main design elements of the project include a stage, lawn sitting area, restrooms, dressing room and other performance support facilities. The photos shown above provide the view from the stage left location looking to the north, looking north to the dressing rooms and the view from Posse Grounds Road.

City staff, the consultant, and the contractor worked to refine the scope of the project to obtain the best value while maintaining the primary concepts, and look of the project. From this effort, final design documents were prepared and the contractor developed a construction cost proposal. The construction contract was approved by Council on March 8, 2016.

Status: Construction began in May and is scheduled to be complete in November 2016. The initial site preparation has been completed. The dressing rooms and bathrooms are under construction. The steel for the stage canopy has been erected and the stage area is under construction.

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Project Status

August 2016

Project Phase	% Completion	Completion Date
Design	100%	January 2016
Construction	70%	Fall 2016



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 (928) 204-7111 • Fax: (928) 282-5348

Posse Grounds Bike Skills Park

FY17 CIP Update



KEY FEATURES:

Consultant: Stantec Consulting, Inc.

Contractor: J. Banicki Construction

Timing: Phase II:

October- December 2016

Construction Challenges:

- Finding suitable soil for the Park features
- Maintaining good site drainage
- Finding a qualified contractor

Project Manager:

James Crowley, RLS, EIT

(928) 203-5092

JCrowley@SedonaAZ.gov

City Engineer:

J. Andy Dickey, PE

(928) 203-5039

ADickey@SedonaAZ.gov

\$ FY17 Project Budget: \$119,600

Total Project Budget: \$148,696

This project assumed a cost share between the City and fundraising from users. The users raised \$37,000 for the design of the Bike Park, and the City subsequently agreed to construct the Park.

This project is for the Master Plan Design and for construction of the first of two or three phases of the Park.

The Bike Park will provide dirt trails along 13 acres of natural landscape for riders of all ages and abilities to practice their mountain biking skills. A selection committee chose J. Banicki Construction as the contractor based on the combination of qualifications and unit prices. A Job Order Contract (JOC) with Banicki was approved by Council at the February 9, 2016 Council Meeting. The Phase I contract will be for the three most desired features including a Pump Park, Wildcat Flow Trail, and Vortex Tech Flow.

Status: Construction on Phase One was completed in June. The Pump Park, Wildcat Flow Trail, and Vortex Tech Flow have been completed and Bike Park volunteers and the City are working together on maintenance and improving the riding experience.

The Grand opening will take place in conjunction with the Mountain Bike Festival in March 2017.



Project Status

August 2016

Project Phase	% Completion	Completion Date
Design	100%	October 2015
Construction	100%	June 2016



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Fitness Trail Improvements

FY17 CIP Update



Existing Path



Existing Equipment



Example Potential Equipment



Existing Equipment

KEY FEATURES:

Consultant: In-House Design

Contractor: TBD

Construction Challenges:

- Fitness pads to meet ADA criteria
- Mild back sloping around fitness pads to avoid retaining walls
- Restore landscape at removed stations

Project Manager:

James Crowley, RLS, EIT
 (928) 203-5092

JCrowley@SedonaAZ.gov

City Engineer:

J. Andy Dickey, PE
 (928) 203-5039

ADickey@SedonaAZ.gov

\$ FY17 Project Budget: \$76,236

Total Project Budget: \$90,000

The Posse Grounds Park Fitness Trail Project will renovate and reconstruct six existing fitness trail stations in Sedona's largest community park, Posse Grounds Park. Two stations will be removed permanently, and four will be reconstructed to conform to ADA-accessible standards. The four new stations will each be upgraded with new fitness equipment. One of the four stations will be a larger, multi-use station that holds four pieces of fitness equipment. The remaining three stations will be constructed to hold a single piece of equipment. The project will install new instructional signage for each station, entry and turn-around signage, and inclusive shade structures over each of the fitness stations.

Status: A grant was awarded for the project by Arizona State Parks Recreational Trails Program. The grant funding has been released and the design is underway. Equipment has been ordered.

For a copy of this update, or updates for other projects, smart-phone users can scan the QR code located on this announcement, or visit the projects website at:

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Project Status

August 2016

Project Phase	% Completion	Completion Date
Design	100%	July 2016
Construction	0%	November 2016



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Dog Park Upgrades

FY17 CIP Update



KEY FEATURES:

Consultant: Norris Design

Contractor: TBD

Construction Challenges:

- Phasing of construction due to Master Plan

Project Manager:

James Crowley, RLS, EIT
 (928) 203-5092
JCrowley@SedonaAZ.gov

City Engineer:

J. Andy Dickey, PE
 (928) 203-5039
ADickey@SedonaAZ.gov

\$ FY17 Project Budget: \$201,000

Total Project Budget: \$201,000

The Posse Grounds Dog Park Project will renovate and upgrade the existing dog park in Sedona's largest community park, Posse Ground Park. The City will, with the aid of a consultant, construct a Dog Park Master Plan with construction phasing depending on future fiscal years' budgets. The Master Plan shall address improved ground surface, include K9/human drinking fountains, and other upgrades that can be included to improve the park based on Best Practices and community feedback.

Status: Consultant provided conceptual designs, and two public outreach sessions in June were held at City Hall. A concept master plan was developed with input from the public and staff. Consultant completed master plan design for the project. Project phasing to be determined. Consultant to provide proposal for civil construction plan set based on master plan.

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Project Status

August 2016

Project Phase

% Completion

Completion Date

Design

100%

June 2016

Construction

0%

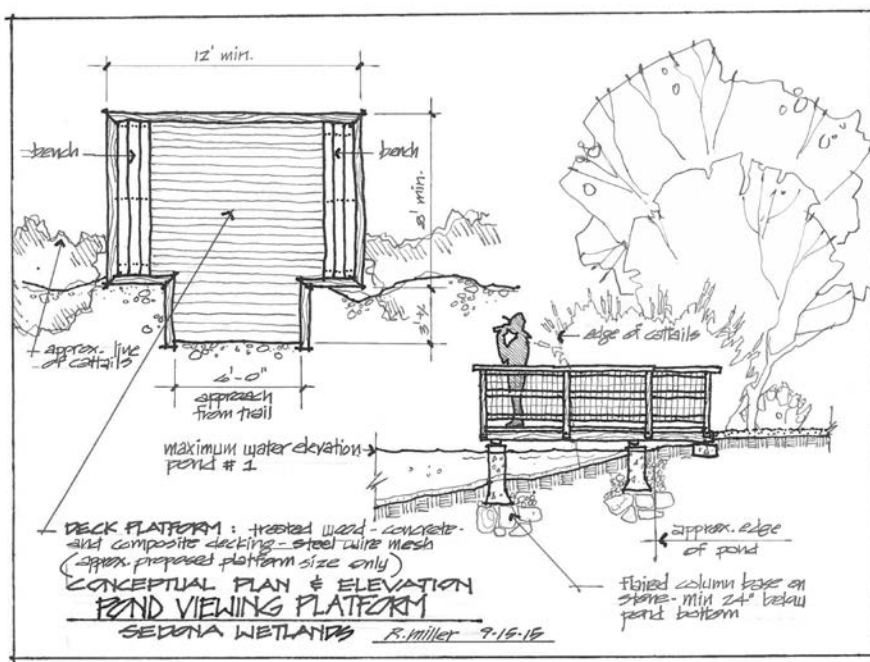
Winter 2016/2017



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Wetlands Viewing Piers Project

FY17 CIP Update



KEY FEATURES:

Consultant: TBD

Contractor: TBD

Construction Challenges:

- N/A

Project Manager:

Roxanne Holland, PE

(928) 203-5069

RHolland@SedonaAZ.gov

City Engineer:

J. Andy Dickey, PE

(928) 203-5039

ADickey@SedonaAZ.gov

\$ FY17 Project Budget: \$30,000

Total Project Budget: \$30,000

The City of Sedona, in partnership with Northern Arizona Audubon Society (NAAS), has planned for a phased project that will ultimately add 3 wildlife viewing piers to the ponds at the Sedona Wetlands Preserve.

The City was awarded a Heritage Fund Grant by the Arizona Game and Fish Department to complete the first wildlife viewing pier at the wetlands ponds. In 2014, the City was awarded the same Heritage Fund Grant, and the funds were used to complete the existing viewing platform that overlooks all 6 wetland ponds, as well as a 70 million gallon water storage reservoir.

Status: Staff is currently procuring design services for the viewing pier. It is anticipated that the pier will be designed and constructed by winter 2016.

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Project Status

August 2016

Project Phase

% Completion

Completion Date

Design

0%

Winter 2016

Construction

0%

Winter 2016



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Uptown Parking Meters on Main Street

FY17 CIP Update



KEY FEATURES:

Consultant: TBD

Contractor: TBD

Timing: TBD

City Management Contact:

Karen Osburn
(928) 203-5067

KOsburn@SedonaAZ.gov

City Engineer:

J. Andy Dickey, PE
(928) 203-5039

ADickey@SedonaAZ.gov

\$ FY17 Project Budget: \$275,000

Total Project Budget: \$301,000

The City has pursued a phased-implementation of several recommendations from the 2012 update to the Uptown Parking Management Plan. Other improvements have included the creation of additional public parking through public/private agreements, improvements to wayfinding signage, enforcement of parking time limits, and pedestrian access improvements to offsite parking locations. The meters are the next project in the phased plan, and are intended to improve turnover and incentivize the use of off-street parking options instead of creating additional traffic congestion and visitor frustration to obtain an on-street space. The project is intended to include the installation of multi-space paid parking kiosks for the 101 premium spaces directly on Main Street. City Council approved staff moving forward with this project on January 16, 2016.

Status: A Request for Proposals (RFP) was advertised on June 7. A selection committee met in early August and determined the top three vendors, who provided product demonstrations on August 18. The committee is still in process of finalizing details of the proposals before finalizing the selected vendor. Approval of a contract will go to Council on October 25. Implementation of the meters is anticipated to occur in February 2017, after the Uptown Pedestrian Access Improvements Project is complete.

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Project Status

August 2016

Project Phase	% Completion	Completion Date
Design	0%	January 2017
Construction	0%	February 2017



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PD Shooting Range Improvements

FY17 CIP Update



KEY FEATURES:

Consultant: TBD

Contractor: TBD

Construction Challenges:

- N/A

Project Manager:

Ryan Mortillaro, EIT
(928) 203-5091

RMortillaro@SedonaAZ.gov

City Engineer:

J. Andy Dickey, PE
(928) 203-5039

ADickey@SedonaAZ.gov

\$ FY17 Project Budget: \$300,000

Total Project Budget: \$300,000

The Police Department has determined the need for a more functional shooting range facility. The shooting range will see improvements to restroom facilities, storage, and an additional briefing/presentation room.

Status: It is anticipated that a Consultant will be selected to complete the design of the improvements in the Fall of 2016.

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Project Status

August 2016

Project Phase

% Completion

Completion Date

Design

N/A

Winter 2016

Construction

N/A

N/A



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PD Armory Expansion

FY17 CIP Update



KEY FEATURES:

Consultant: WSM Architects

Contractor: TBD

Construction Challenges:

- N/A

Project Manager:

Ryan Mortillaro, EIT

(928) 203-5091

RMortillaro@SedonaAZ.gov

City Engineer:

J. Andy Dickey, PE

(928) 203-5039

ADickey@SedonaAZ.gov

\$ FY17 Project Budget: \$150,000

Total Project Budget: \$150,000

The Police Department has determined the need for a safer and more dedicated armory. The project consists of upgrading facilities for proper security, safety levels, and building standards.

Status: It is anticipated that a Contractor will be selected to complete the construction of the new armory in the Fall of 2016.

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Project Status

August 2016

Project Phase	% Completion	Completion Date
Design	100%	Spring 2016
Construction	N/A	N/A



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Brewer Road/Tlaquepaque Drainage Improvements Project

FY17 CIP Update



KEY FEATURES:

Consultant: Shepherd-Wesnitzer, Inc.

Contractor: Tiffany Construction Co.

Timing:

Phase 4: Design: Jan 2016 – Oct 2016

Construction: FYs 2017 & 2018

Construction Challenges:

- Pedestrian access
- Business access
- Utility Coordination
- Maintenance of Drainage
- Maintenance of Traffic

Project Manager:

David Peck, EIT
(928) 204-7108

DPeck@SedonaAZ.gov

City Engineer:

J. Andy Dickey, PE
(928) 203-5039

ADickey@SedonaAZ.gov

\$ FY17 Project Budget: \$1,010,000

Total Project Budget: \$2,936,400

Phases 1 and 2 of this project included installing barriers along the top of the wash bank. These improvements increased the entire channel capacity between Brewer Road and Oak Creek. However, the ultimate design capacity of the channel will not be reached until Phase 4 is complete; see below.

Phase 3 included replacement of the box culverts at Portal Lane and the pedestrian walkway with clear span bridges (as shown in the above photos – taken 7/20/16). The work for this phase was completed in late June 2016. The Portal Lane Bridge in the upper left photo will receive a rock veneer treatment in September or October 2016.

Phase 4 design includes improving the entire channel cross section between Brewer Road and Oak Creek to convey the 25-year flow.

Status: Phase 3 construction began in January 2016, and was completed by the end of June 2016. Phase 4 design began in January 2016 and is expected to be complete in October 2016. Due to unexpected negotiations with TLAQ Partners LLC regarding cost-sharing for Phase 4 construction, the design progress was delayed for a couple of months. Phase 4 construction is budgeted in FY 2017 and FY 2018.

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Project Status

August 2016

Project Phase	% Completion	Completion Date
Design	70%	October 2016 (Phase 4)
Construction (Portal Ln–Oak Creek)	0%	June 2017 (Phase 4A)
Construction (Brewer Rd-Portal Ln)	0%	June 2018 (Phase 4B)



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Brewer Road Crossing Improvements Project

FY17 CIP Update



KEY FEATURES:

Consultant: Shephard-Wesnitzer, Inc.

Contractor: Tiffany Construction Co.

Timing: Design: FY 2017
Construction: FY 2018

Construction Challenges

- Business and residential access
- Maintenance of Utilities
- Maintenance of Drainage
- Maintenance of Traffic

Project Manager:

David Peck, EIT
(928) 204-7108
DPeck@SedonaAZ.gov

City Engineer:

J. Andy Dickey, PE
(928) 203-5039
ADickey@SedonaAZ.gov

\$ FY17 Project Budget: \$150,000

Total Project Budget: \$857,000

This project involves the removal of an existing corrugated metal arch culvert and its replacement with a reinforced concrete box culvert. The new box culvert will be designed to convey the 25-year storm event. The project will include channel improvements for approximately 75' downstream to tie into the upstream extent of the Brewer Road / Tlaquepaque Drainage Improvements – Phase 4 (once those Phase 4 improvements are complete). Brewer Road surface improvements will be made in the vicinity of the crossing as well.

Status: The design work for this project is budgeted in FY 2017. We have received a design proposal from Shephard-Wesnitzer, Inc. (SWI). Once we have an executed Cost-Sharing Agreement with TLAQ Partners, LLC for the Phase 4 construction, we will contract with SWI to design this project. The construction for this project is budgeted in FY 2018.

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Project Status

August 2016

Project Phase	% Completion	Completion Date
Design	0%	April 2017
Construction	0%	FY 2018



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Coffee Pot Drainage Improvements Project

FY17 CIP Update



KEY FEATURES:

Consultant: JE Fuller, Inc.

Contractor: Tiffany Construction Co.

Timing: Phase 2: Construction:

October 2016 – March 2017

Phase 3: FY 2018

Phase 4: FY 2019

Construction Challenges

- Business and residential access
- Maintenance of Utilities
- Maintenance of Drainage
- Maintenance of Traffic

Project Manager:

David Peck, EIT

(928) 204-7108

DPeck@SedonaAZ.gov

City Engineer:

J. Andy Dickey, PE

(928) 203-5039

ADickey@SedonaAZ.gov

\$ FY17 Project Budget: \$444,250

Total Project Budget: \$4,312,650

Phase 1 included improvements in the Casa Bonita Condominium Subdivision, Coffee Pot Subdivision, and other parcels in the same general area. The improvements upgraded existing storm drain infrastructure and added new 72" storm drainage pipe. This work was completed in March 2016.

Phase 2 includes installing 72" storm drainage pipe at the Coffee Pot Drive Crossing and along Grasshopper Lane, just past the existing Grasshopper Lane drainage crossing.

Phase 3 includes installing 72" storm drainage pipe along Grasshopper Lane, up to the downstream (south) side of Sanborn Drive.

Phase 4 includes installing 72" storm drainage pipe from the downstream side of Sanborn Drive, then along Little Elf Drive, to the City of Sedona parcel, north of the Coffee Pot Subdivision. This will include an inlet sediment basin structure.

Status: Design of all phases is complete. Phase 2 construction is budgeted in FY 2017. Utility relocation work for Phase 2 is anticipated to occur Oct. – Nov. 2016, followed by installation of the drainage pipe and roadway improvements. Phase 3 construction is budgeted in FY 2018. Phase 4 construction is budgeted in FY 2019.

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Project Status

August 2016

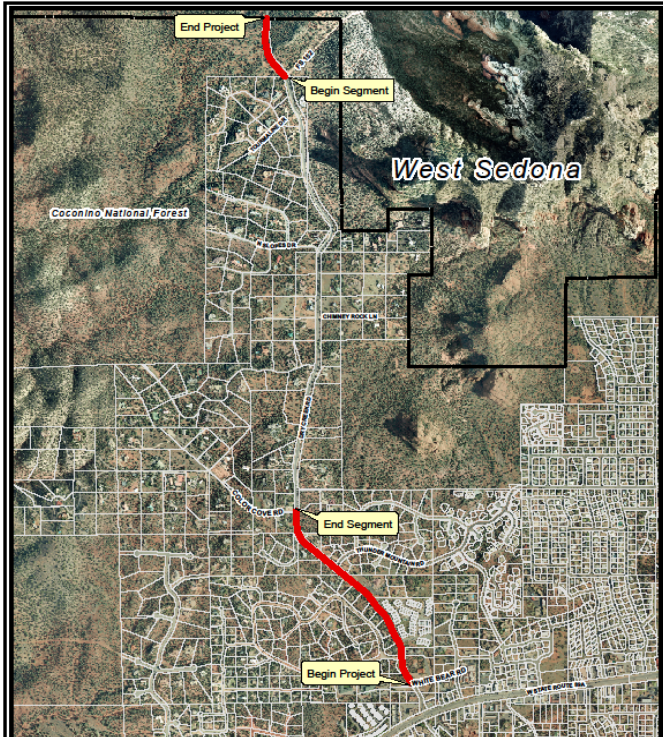
Project Phase	% Completion	Completion Date
Design (all four phases)	100%	January 2016
Construction (Phase 2)	0%	March 2017 (Phase 2)



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Dry Creek Road Overlay Project

FY17 CIP Update



The project will include a mill and overlay, with minor shoulder widening. The segments of Dry Creek Road included are between White Bear Road and Color Cove Road and between Forest Service Road 152 and the city-limit boundary.

This project is part of the Surface Transportation Program (STP), which utilizes federal funds administered by the Arizona Department of Transportation (ADOT) through the Northern Arizona Council of Governments (NACOG). The City has partnered with Yavapai County to combine this project with their Boynton Pass Road Project. City Council and the Yavapai County Board of Directors approved an Intergovernmental Agreement in March 2016 for Yavapai County to manage the project, with the City contributing funding for the City's portion of the project.

Status: Initial data collection, field survey, and compilation of existing reports and right-of-way information have been completed. Preparation of the Initial Project Assessment is underway. The first progress meeting was held on August 10.

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KEY FEATURES:

Consultant: Woodson Engineering, Inc.

Contractor: TBD

Timing: TBD

Construction Challenges:

- Environmental clearances
- Maintenance of traffic

Project Manager:

Stephen Craver, PE
(928) 203-5059

SCraver@SedonaAZ.gov

City Engineer:

J. Andy Dickey, PE
(928) 203-5039

ADickey@SedonaAZ.gov

\$ FY16 Project Budget: \$50,000

Total Project Budget: \$605,399



Project Status

August 2016

Project Phase

% Completion

Completion Date

Design

5%

September 2017

Construction

0%

TBD



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Jordan Road Sidewalk Extension Project

FY17 CIP Update



KEY FEATURES:

Consultant: Lyon Engineering, Inc.

Contractor: Cactus Asphalt

Timing: May – June 2016

Construction Challenges:

- Driveway access
- Utility relocations

Project Manager:

Stephen Craver, PE
(928) 203-5059

SCraver@SedonaAZ.gov

City Engineer:

J. Andy Dickey, PE
(928) 203-5039

ADickey@SedonaAZ.gov

\$ FY16 Project Budget: \$58,250

Total Project Budget: \$137,660

This project consists of installing 5-foot wide sidewalk and handicap ramps along the east side of Jordan Road from Mesquite Avenue to the north side of Schnebly Road. Some sidewalk already exists between Apple and Mesquite, but this project fills in gaps, providing ADA access to the municipal parking lot without having to cross over to the west side of Jordan Road. This project requires the acquisition of temporary construction easements to complete connections to driveways.

Status: Cactus Asphalt performed this work under the City's Street Maintenance Job Order Contract, in conjunction with the repaving of Jordan Road. Construction began in early June. All of the sidewalk has been completed. The ramp at the southeast corner of Jordan and Apple is still pending a utility pole relocation. Other punch list items, including grading behind sidewalk and sign replacement, will be done in conjunction with the final ramp once the existing pole is removed - expected to be in October.

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Project Status

August 2016

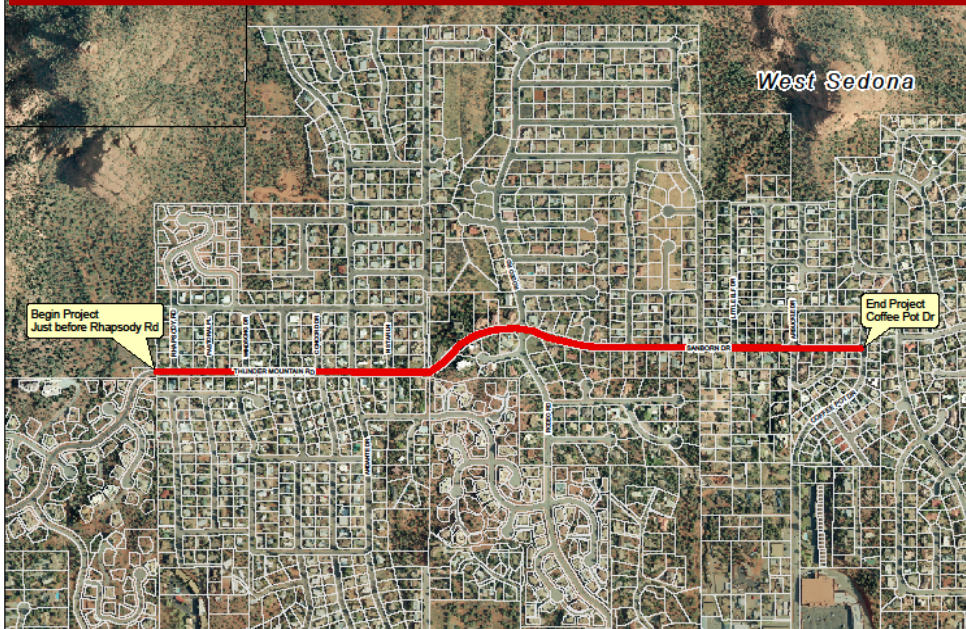
Project Phase	% Completion	Completion Date
Design	100%	May 2016
Construction	90%	November 2016



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Sanborn Drive/Thunder Mountain Road Overlay Project

FY17 CIP Update



KEY FEATURES:

Consultant: Woodson Engineering, Inc.

Contractor: TBD

Timing: TBD

Construction Challenges:

- Environmental clearances
- Maintenance of traffic

Project Manager:

Stephen Craver, PE
(928) 203-5059

SCraver@SedonaAZ.gov

City Engineer:

J. Andy Dickey, PE
(928) 203-5039

ADickey@SedonaAZ.gov

\$ FY17 Project Budget: \$151,000

Total Project Budget: \$738,820

The project will include a mill and overlay, with minor shoulder widening. The approximate one mile segment of Sanborn Drive/Thunder Mountain Road is between Rhapsody Road and Coffee Pot Drive.

This project is part of the Surface Transportation Program (STP), which utilizes federal funds administered by the Arizona Department of Transportation (ADOT) through the Northern Arizona Council of Governments (NACOG).

Status: Council approved an Intergovernmental Agreement with ADOT at the July 12 meeting. The IGA allows the City and State to work together to develop project plans and specifications for the project, in compliance with federal requirements. A professional services contract with the consultant will be presented to Council for approval on September 13.

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Project Status

August 2016

Project Phase	% Completion	Completion Date
Design	0%	TBD
Construction	0%	TBD



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Transportation Master Plan Update Project

FY17 CIP Update



This study is needed due to the growing congestion issues the City has experienced. The update will include review and analysis of past transportation studies prepared for the City, and will attempt to bridge the gaps between those studies to provide a comprehensive plan to improve multimodal transportation throughout the City. Kimley-Horn was selected through a competitive Request for Qualification process. The design contract was approved by Council on April 12, 2016.

Status: Traffic counts throughout the City, as well as origin-destination data, have been collected. Kimley-Horn has reviewed past studies and summarized the implementation status of recommendations born from those studies. They have also conducted a current and future conditions analysis, and completed a draft Working Paper #1. That information is being reviewed by the Technical Advisory Committee (TAC), which consists of Kimley-Horn staff, their public outreach sub-consultant, City Manager staff, Public Works staff, Community Development staff, Police Department staff, Coconino and Yavapai Counties, Verde Lynx, and ADOT. The first phase of public outreach will begin in October. It is staff's intent to provide a full status update to Council, with new members seated in November. A more extensive update on this project was provided via a City Talk Article in the Red Rock News on July 27.

For a copy of this update, or updates for other projects, smart-phone users can scan the QR code located on this announcement, or visit the projects website at:
www.sedonaaz.gov/CIP

KEY FEATURES:

Consultant: Kimley-Horn

Contractor: N/A

Timing: April 2016 – June 2017

Construction Challenges:

N/A

Project Manager:

Stephen Craver, PE

(928) 203-5059

SCraver@SedonaAZ.gov

City Engineer:

J. Andy Dickey, PE

(928) 203-5039

ADickey@SedonaAZ.gov

\$ FY16 Project Budget: \$200,000

Total Project Budget: \$250,000



Project Status

August 2016

Project Phase	% Completion	Completion Date
Design	20%	June 2017
Construction	N/A	N/A



City of Sedona
Public Works Department
102 Roadrunner Drive Sedona, AZ 86336
(928) 204-7111 • Fax: (928) 282-5348

Uptown Pedestrian Access Improvements Project

FY17 CIP Update



KEY FEATURES:

Consultant: Peak Engineering, Inc.

Contractor: Kinney Construction Services, Inc. (KCS) / Cactus Asphalt

Construction Challenges:

- Pedestrian access
- Bridge erection

Project Manager:
Stephen Craver, PE
(928) 203-5059
SCraver@SedonaAZ.gov

City Engineer:
J. Andy Dickey, PE
(928) 203-5039
ADickey@SedonaAZ.gov

\$ FY16 Project Budget: \$862,500
Total Project Budget: \$1,234,500

The project will construct an improved walkway with ADA access from the north end of State Route 89A to the municipal parking lot on Schnebly Road, including sidewalk, lighting, parking lot reconfiguration, elevated walkway/bridge and an elevator. KCS submitted its final Guaranteed Maximum Price that was approved by Council on April 12, 2016. The site work west of Mountain View Drive was broken out of KCS's contract in order to reduce overall project cost, and will be performed by Cactus Asphalt. Construction began on April 18, 2016.

Status: The elevator and bridge structure are in process of being fabricated. The elevator foundation and floor have been poured. The new retaining wall between the parking area and the new walkway has also been completed. Placement of block for the elevator tower and pouring of the north bridge abutment will occur in September.

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Project Status

August 2016

Project Phase	% Completion	Completion Date
Design	100%	February 2016
Construction	20%	October 2016



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WWRP A+ Upgrades

FY17 CIP Update



KEY FEATURES:

Consultant: Carollo Engineers

Contractor: Currier Construction, Inc.

Construction Challenges:

- Treatment Plant must remain operational during construction
- Deep rock excavation
- Programming

Project Manager:

Roxanne Holland, PE
(928) 203-5069

RHolland@SedonaAZ.gov

City Engineer:

J. Andy Dickey, PE
(928) 203-5039

ADickey@SedonaAZ.gov

\$ FY17 Project Budget: \$0

Total Project Budget: \$5,683,272

The WWRP A+ Upgrades Project is a \$4.7 million project which will allow the Wastewater Reclamation Plant to treat up to 1.63 million gallons of wastewater per day. The project will add a new secondary clarifier, new aeration blowers, and a new sludge digester.

Currier Construction, Inc. was awarded a construction contract for the project at the November 12, 2014 City Council meeting. Construction began in December 2014.

Status: Construction is 99% complete and expected to be complete in August 2016. All physical construction work is complete. Final adjustments to programming for automation of equipment and completion of punch-list items are currently underway.

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Project Status

August 2016

Project Phase	% Completion	Completion Date
Design	100%	December 2013
Construction	99%	September 2016



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Injection Well No.'s 1 and 2 Equipping

FY17 CIP Update



KEY FEATURES:

Consultant: Carollo Engineers

Contractor: Currier Construction, Inc.

Construction Challenges:

- Deep rock excavation
- Start-up and Programming

Project Manager:

Roxanne Holland, PE

(928) 203-5069

RHolland@SedonaAZ.gov

City Engineer:

J. Andy Dickey, PE

(928) 203-5039

ADickey@SedonaAZ.gov

\$ FY17 Project Budget: \$2,528,508

Total Project Budget: \$12,664,758

The City of Sedona completed drilling and testing Injection Well No. 1 in December of 2013. The analysis of the testing determined injection as a means of effluent management was successful and a total of six wells are planned.

Drilling and testing of Injection Well No. 2 was complete on October 14, 2015.

This project includes equipping Well No. 1 and Well No. 2 with pumps necessary for injection, as well as installing piping, filters, and a reservoir.

Status: Council approved the equipping project for award on December 8, 2015. Construction began January 14, 2016. The injection well supply pump station reservoir is complete and supply pumps are currently being installed. Injection pumps have been installed at Well No. 2 and equipment for Well No. 1 is scheduled to be installed in October 2016. Piping at each well site is complete. The contractor is working with APS to install electrical lines that will provide power to each well site.

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www.sedonaaz.gov/CIP



Project Status

August 2016

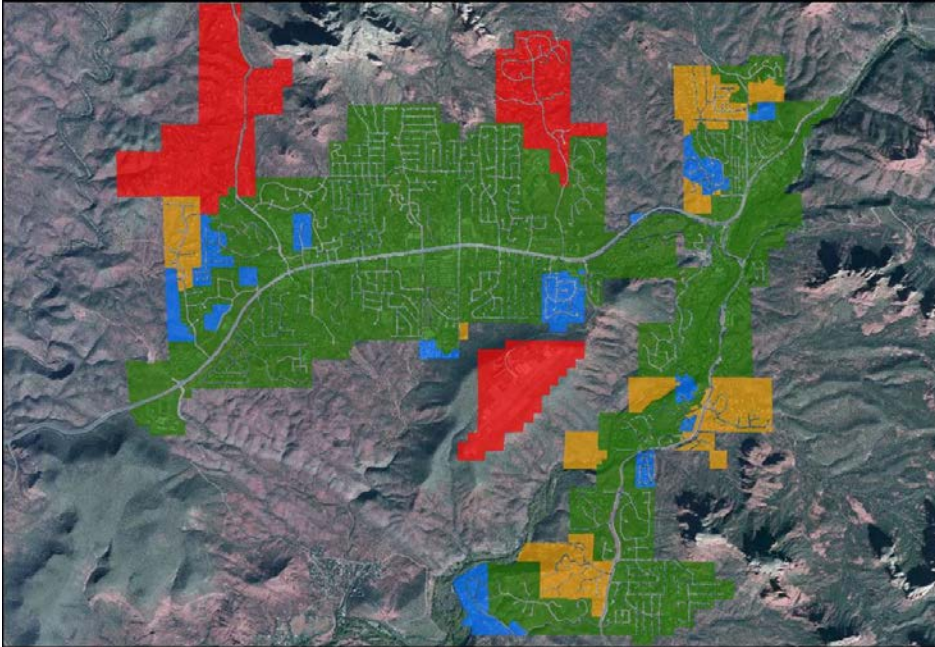
Project Phase	% Completion	Completion Date
Design	100%	August 2015
Construction	56%	March 2017



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Wastewater Master Plan Update

FY17 CIP Update



KEY FEATURES:

Consultant: Carollo Engineers, Inc.

Contractor: TBD

Construction Challenges:

- N/A

Project Manager:

Roxanne Holland, PE

(928) 203-5069

RHolland@SedonaAZ.gov

City Engineer:

J. Andy Dickey, PE

(928) 203-5039

ADickey@SedonaAZ.gov

\$ FY17 Project Budget: \$150,000

Total Project Budget: \$980,000

The Wastewater Master Plan Update is a project that will evaluate the wastewater collections system. The report that is completed as part of this project will be an update to the previous Wastewater Master Plan, which was completed in 2000.

The report will identify service areas, system capacities, and future capital projects needed for repair or extension of the collection system.

Status: The consultant is currently building a hydraulic model of the the collection system. Condition assessments of the collection system and manhole surveys are currently underway. The hydraulic model, along with the assessments, will provide information on sewer mains and manholes that will potentially need rehabilitation or upsizing.

Public outreach is scheduled to begin in fall 2016 and will consist of a combination of letters, homeowners association meetings, and public meetings.

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Project Status

August 2016

Project Phase	% Completion	Completion Date
Design	15%	Spring 2017
Construction	N/A	N/A



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WWRP Bar Screen & Headworks Replacement

FY17 CIP Update



KEY FEATURES:

Consultant: Sunrise Engineering, Inc.

Contractor: TBD

Construction Challenges:

- Treatment Plant must remain operational during construction
- Corrosive hydrogen sulfide gasses

Project Manager:

Roxanne Holland, PE
 (928) 203-5069

RHolland@SedonaAZ.gov

City Engineer:

J. Andy Dickey, PE
 (928) 203-5039

ADickey@SedonaAZ.gov

\$ FY17 Project Budget: \$830,000

Total Project Budget: \$2,330,000

The WWRP Bar Screen & Headworks Replacement Project will replace two existing bar screens with new bar screens. The bar screens are a vital part of wastewater treatment which remove solids at the start of the treatment process. In addition, the project will replace heavily corroded concrete channels downstream of the barscreens. The channels direct influent flow to further treatment areas of the WWRP.

Status: Sunrise Engineering, Inc. has begun design of the project, which is anticipated to be complete in fall 2016. Design criteria for the bar screens has been established and City staff is reviewing a comparison analysis of several bar screen technologies.

Construction is anticipated to begin in early 2017 and be complete in Fiscal Year 2016/2017.

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Project Status

August 2016

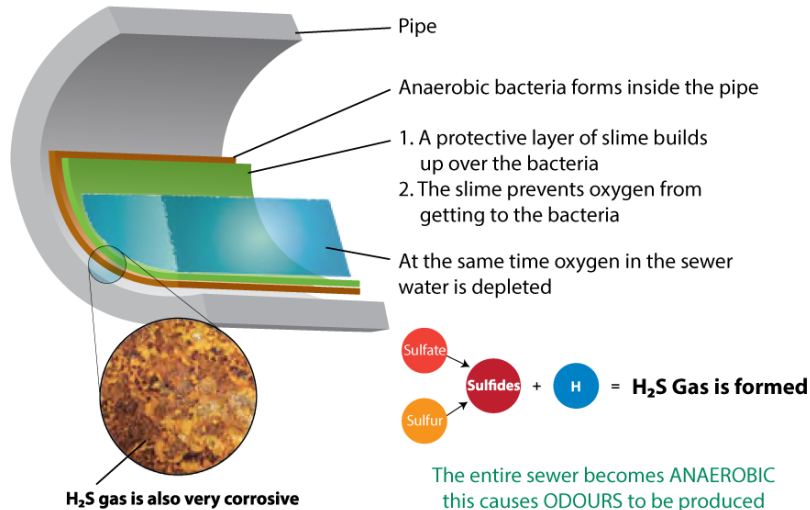
Project Phase	% Completion	Completion Date
Design	10%	Fall 2016
Construction	0%	Winter 2017 – Spring 2017



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WWRP Odor Control Study

FY17 CIP Update



KEY FEATURES:

Consultant: TBD

Contractor: TBD

Construction Challenges:

- N/A

Project Manager:

Roxanne Holland, PE
 (928) 203-5069
RHolland@SedonaAZ.gov

City Engineer:

J. Andy Dickey, PE
 (928) 203-5039
ADickey@SedonaAZ.gov

\$ FY17 Project Budget: \$25,000
Total Project Budget: \$210,000

The Wastewater Reclamation Plant (WWRP) Odor Control Study will evaluate odor levels in areas known to have odor problems at the WWRP. The evaluation will determine the source and magnitude of existing odor issues. Potential sources include manholes at the entrance to the WWRP, the headworks area, and the aerobic digester.

Status: It is anticipated that a Consultant will be selected to complete the Odor Control Study in Fall 2016.

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Project Status

August 2016

Project Phase	% Completion	Completion Date
Design	0%	Spring 2017
Construction	N/A	N/A